



ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OPPT-2013-0677; FRL-9400-9]

Toxic Substances Control Act Chemical Testing; Receipt of Test Data

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: This notice announces EPA's receipt of test data on 21 chemicals. These data were submitted pursuant to 3 test rules issued by EPA under section 4 of the Toxic Substance Control Act (TSCA). The purpose of this notice is to alert the public about test data received between June 29, 2011, and July 31, 2013.

FOR FURTHER INFORMATION CONTACT: *For technical information contact:*

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For general information contact: The TSCA-Hotline, ABVI-Goodwill, 422 South Clinton Ave., Rochester, NY 14620; telephone number: (202) 554-1404; email address: TSCA-Hotline@epa.gov.

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this Action Apply to Me?

This action is directed to the public in general. This action may, however, be of interest to those persons who are concerned about data on health and/or environmental effects and other characteristics of the chemicals. Since other entities may also be

interested, the Agency has not attempted to describe all the specific entities that may be affected by this action.

B. How Can I Get Copies of this Document and Other Related Information?

All documents in the dockets are available at <http://www.regulations.gov> or at the Office of Pollution Prevention and Toxics Docket (OPPT Docket), Environmental Protection Agency Docket Center (EPA/DC), EPA West Bldg., Rm. 3334, 1301 Constitution Ave., NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the OPPT Docket is (202) 566-0280. Please review the visitor instructions and additional information about the docket available at <http://www.epa.gov/dockets>.

II. Test Data Submissions

Section 4(d) of TSCA (15 U.S.C. 2603(d)) requires EPA to publish a notice in the **Federal Register** reporting the receipt of test data submitted pursuant to test rules promulgated under TSCA section 4(a) (15 U.S.C. 2603(a)). Each notice must:

1. Identify the chemical substance or mixture for which data have been received.
2. List the uses or intended uses of such chemical substance or mixture and the information required by the applicable standards for the development of test data.
3. Describe the nature of the test data developed.

EPA has received test data for the following three test rules:

- EPA received data on 4 chemicals listed in the TSCA section 4 test rule entitled “Testing for Certain High Production Volume Chemicals,” published in the **Federal**

Register issue of March 16, 2006 (71 FR 13708) (FRL-7335-2) (docket identification (ID) number EPA-HQ-OPPT-2005-0033).

- EPA received data on 12 chemicals listed in the TSCA section 4 test rule entitled “Testing for Certain High Production Volume Chemicals; Second Group of Chemicals” published in the **Federal Register** issue of January 7, 2011 (76 FR 1067) (FRL-8846-9) (docket ID number EPA-HQ-OPPT-2007-0531).

- EPA received data on 5 chemicals listed in the TSCA section 4 test rule entitled “Testing for Certain High Production Volume Chemicals; Third Group of Chemicals,” published in the **Federal Register** issue of October 21, 2011 (76 FR 65385) (FRL-8885-5) (docket ID number EPA-HQ-OPPT-2009-0112).

The tables in this unit contain the described information required by TSCA section 4(d). See the applicable CFR citations, listed in the title of each table, for test data requirements. Data received can be found by referencing the docket ID numbers and document numbers listed in the tables. See Unit I.B. of this document for additional information about dockets. EPA reviews of test data are added to the appropriate docket upon completion.

TABLE 1.--DATA RECEIVED IN RESPONSE TO TSCA SECTION 4 TEST RULE AT 40 CFR 799.5085, TESTING OF CERTAIN HIGH PRODUCTION VOLUME CHEMICALS, DOCKET IDENTIFICATION NUMBER EPA-HQ-OPPT-2005-0033

Chemical Identity	Use(s)	Data Received	Document Number
1,3-Propanediol, 2,2-bis[(nitrooxy)methyl]-, dinitrate (ester) (CAS No.78-11-5)	Manufacturing demolition explosive and blasting caps	Determination of the Biodegradability of Pentaerythritol Tetranitrate (PETN) Using Semi-Continuous Activated Sludge, Study 2	0411
		Additional Information about Biodegradation, Study 2	0465

		Additional Information about Reproduction/ Developmental Oral Toxicity Screen	0458
9,10-Anthracenedione (CAS No. 84-65-1)	Intermediate for dyes and organics; organic inhibitor; and bird repellent for seeds	An Oral Reproduction/ Developmental Toxicity Screening Study of Anthraquinone in Rats, Revised Final Report	0413
Imidodicarbonic diamide (CAS No. 57-13-6)	Analytical reagent, especially for proteins	Melting Point; Boiling Point; <i>n</i> -Octanol/Water Partition Coefficient; Water Solubility	0359
		Biodegradation; Acute Toxicity to Fish; Acute Toxicity to Daphnia; Toxicity to Algae; Acute Toxicity to Mammals; Bacterial Reverse Mutation Assay; Chromosomal Aberrations; Combined Repeated Dose Toxicity with Reproductive/ Developmental Screen	0360

Benzenesulfonic acid, [[4-[[4-(phenylamino) phenyl] [4-(phenylimino)-2,5-cyclohexadien-1-ylidene] methyl] phenyl] amino]- (CAS No. 1324-76-1)	Intermediate for antifouling paint agents; catalyst in organic reactions; used by offset ink makers to produce inks for heat set, cold set, and sheet-fed applications	Water Solubility	0440
		<i>n</i> -Octanol/Water Partition Coefficient	0441
		Biodegradation	0437, 0438
		96-Hour Acute Toxicity Study in Zebra Fish (Brachydanio rerio)	0436
		Acute Toxicity Study in Daphnia Magna with C.I. Pigment Blue 61 (Static)	0443
		Fresh Water Algal Growth Inhibition Test with C.I. Pigment Blue 61	0442, 0452
		Acute Toxicity to Mammals (in Rats)	0426
		Salmonella Typhimurium/ Escherichia Coli Reverse Mutation Assay (Standard Plate Test and Preincubation Test) with Alkali Blue Dry 6100/Lot 2219308, Lot 2236308, and Lot 2231308	0416, 0417, 0418
		Chromosomal Aberrations (Reflexblau 3 G TTR Micronucleus Test in Male and Female NJRI Mice after Oral Administration)	0421, 0322
		A Combined 28-Day Repeated Dose Toxicity Study with the Reproduction/ Developmental Toxicity Screening Test of C.I. Pigment Blue 61 in Rats by Oral Gavage	0445

Note: CAS = Chemical Abstracts Service Registry Number.

TABLE 2.--DATA RECEIVED IN RESPONSE TO TSCA SECTION 4 TEST RULE AT 40 CFR 799.5087, TESTING OF CERTAIN HIGH PRODUCTION VOLUME CHEMICALS; SECOND GROUP OF CHEMICALS, DOCKET IDENTIFICATION NUMBER EPA-HQ-OPPT-2007-0531

Chemical Identity	Use(s)	Data Received	Document Number
Acetaldehyde (CAS No.75-07-0)	Intermediate used in manufacture of many products, including pyridines, acetate esters, pentaerythritol, peracetic acid, 1, 3-butylene glycol (1, 3-Butanediol), and acetic acid	A Dosage Range-Finding 10-Day Oral (Drinking Water) Toxicity Study in Rats; Analytical Method Validation, Compatibility, and Stability Study in Deionized Water; Combined 28-Day Repeated Dose Oral (Drinking Water) Toxicity Study with the Reproduction/ Developmental Toxicity Screening Test in Rats	0714
		Acute Toxicity to Daphnia; Toxicity to Aquatic Plants (Algae)	0673
1, 3-Propanediol, 2,2-bis[(nitrooxy) methyl]-, dinitrate (ester) (CAS No. 78-11-5)	Manufacturing demolition explosive and blasting caps	Acute Toxicity to the Cladoceran (Daphnia magna) Under Static-Renewal Test Conditions; Acute Toxicity to the Fathead Minnow (Pimephales promelas) Under Static-Renewal Test Conditions	0713
		Determination of Biodegradability Using Semi-Continuous Activated Sludge	0644
1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone (CAS No. 89-32-7)	Epoxy curing and cross-linking agent; plasticizers and synthetics intermediate	Physical/Chemical Properties	0590
		Vapor Pressure; Water Partition Coefficient; Water Solubility	0691

Phenol, 4,4'-methylenebis[2,6-bis(1,1-dimethylethyl)- (CAS No. 118-82-1)	In metalworking fluids as an antioxidant; as a primary antioxidant/stabilizer in plastics	Chronic Toxicity to Daphnia; Toxicity to Plants (Algae)	0678
Methanone, diphenyl- (CAS No. 119-61-9)	In hair mousse as a fixative for heavy perfumes; in making antihistamines, hypnotics, insecticides and ultraviolet absorbers; flavoring; polymerization inhibitor for styrene; in industry product finishes	Biodegradation; Aquatic toxicity to Daphnia; Aquatic Toxicity to Plants (Algae); Daphnids Acute Immobilization and Reproduction; Algal Growth Inhibition	0654
		Ready Biodegradation; Acute Toxicity to Daphnia; Acute Toxicity to Plants (Algae); Chronic Toxicity to Daphnia; Chronic Toxicity to Plants (Algae)	0602
Ethanedioic acid (CAS No. 144-62-7)	Rust remover; antirust metal cleaners and coatings; flame-proofing and cross-linking agent in cellulose fabrics; reducing agent in mordent wool dyeing; acid dye stabilizing agent in nylon; scouring agent for cotton printing; dye stripper for wool; degumming silk; separation and recovery of rare earth elements from ore; bleaching leather and masonry; cleaning aluminum and wood decks; synthetic intermediate for pharmaceuticals	Determination of the Melting Point, Boiling Point, Vapor Pressure, and Water Solubility; Ready Biodegradability in a Closed Bottle; Acute Toxicity on Zebrafish (<i>Brachydanio rerio</i>); Acute Immobilization to Daphnia (<i>Daphnia magna</i>); Growth Inhibition on Algae (<i>Pseudokirchneriella subcapitata</i>); <i>In Vitro</i> Mammalian Chromosome Aberration; Validation of Analytical Method	0712

Methanesulfinic acid, hydroxy-, monosodium salt (CAS No. 149-44-0)	Stripping and discharge agent for textiles; bleaching agent 2-15 for molasses; vat color printing pastes; polymerization of ethylenic compounds; manufacturing of arspenamines	Determination of Mutagenic Potential (Bacterial Reverse Mutation)	0592
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (CAS No. 4719-04-4)	Manufacture of bactericides and biocides	Toxicity to the Alga <i>Pseudokirchneriella Subcapitata</i> Over a 72-Hour Exposure Period	0683
		Algal Inhibition Test	0679
D-gluco-heptonic acid, monosodium salt, (2.xi.)- (CAS No. 31138-65-5)	Chelating agent in cosmetics, dairy cleaners, bottle cleaners, food contact paper and paperboard manufacturing, metal cleaning, kier boiling, caustic boil-off, paint stripping, boiler water additive for food processing, and as ingredient in aluminum etchant sequestrant; latex stabilizer; intravenous pharmaceuticals	Reverse Mutation Assay (Ames Test) Using <i>Salmonella Typhimurium</i> and <i>Escherichia Coli</i> , Amendment to Final Report	0718
		Algal Inhibition	0716
		Acute Toxicity to Rainbow Trout	0715
		Acute Oral Toxicity in the Rat - Up-and-Down Procedure	0710
		Micronucleus Test in the Mouse	0709
		Reverse Mutation Assay (Ames Test) Using <i>Salmonella Typhimurium</i> and <i>Escherichia Coli</i>	0688
		Assessment of Ready Biodegradability; Manometric Respirometry	0687
		Daphnia 48-hour Acute Immobilization	0719
		<i>n</i> -Octanol/Water Partition Coefficient; Water Solubility	0639
		Determination of General Physico-Chemical Properties	0723

C.I. Leuco Sulphur Black 1 (CAS No. 66241-11-0)	Fingerprint dye	Freezing Point; Vapor Pressure; <i>n</i> -Octanol/Water Partition Coefficient; Water Solubility; Ready Biodegradation; Acute Toxicity to Fish; Acute Toxicity to Daphnia; Algal Toxicity; Acute Oral Toxicity; Bacterial Reverse Mutation (Ames Test); <i>In Vitro</i> Mammalian Cell Gene Mutation; Repeated Dose/Reproductive/Developmental Toxicity in Rats; Boiling Point; <i>In Vitro</i> Chromosome Aberration Test	0675
Castor oil, oxidized (CAS No. 68187-84-8)	Plasticizer in lacquers, artificial leathers, hydraulic fluids, and adhesives	Melting Point; Boiling Point; Ready Biodegradability; Reverse Mutation Using Bacteria (<i>Salmonella Typhimurium</i> and <i>Escherichia Coli</i>); <i>In Vitro</i> Mammalian Chromosome Aberration in Chinese Hamster V79 Cells; Combined 28-day Repeated Dose Oral Toxicity Screening Study	0674
Benzenediamine, ar,ar-diethyl-ar-methyl- (CAS No. 68479-98-1)	No current use identified	Vapor Pressure; <i>n</i> -Octanol/Water Partition Coefficient; Water Solubility; Aquatic Toxicity; Acute Toxicity to Fish; Acute Toxicity to Daphnia	0677
		Melting Point; Genotoxicity (Chromosomal Damage)	0665
		Melting Point; Genotoxicity (Chromosomal Damage)	0660

		Mammalian Toxicity; Reproductive/ Developmental Toxicity Screening	0645
		Subchronic 21-Day Dermal Toxicity	0633
		Aquatic Toxicity; Toxicity to Plants (Algae); <i>In Vitro</i> Bacterial Reverse Mutation; Chromosomal Damage; Reproductive/ Developmental Toxicity	0632

Note: CAS = Chemical Abstracts Service Registry Number.

TABLE 3.--DATA RECEIVED IN RESPONSE TO TSCA SECTION 4 TEST RULE AT 40 CFR 799.5089, TESTING OF CERTAIN HIGH PRODUCTION VOLUME CHEMICALS; THIRD GROUP OF CHEMICALS, DOCKET IDENTIFICATION NUMBER EPA-HQ-OPPT-2009-0112

Chemical Identity	Use(s)	Data Received	Document Number
Benzenesulfonyl chloride (CAS No. 98-09-9)	Intermediate for benzene sulfonamides, thiophenol, glybuzole, n-2-chloroethyl amides, and benzonitrile; reagent for Friedel-Crafts sulfonylation; insecticides and miticides	Reverse Mutation Assay (Ames Test) Using Salmonella Typhimurium and Escherichia Coli	0128
		Daphnia 48-Hour Acute Immobilization Test; Algal Inhibition Test	0140
		Chromosome Aberration Test in Human Lymphocytes, <i>In Vitro</i>	0134

Benzene, 1-chloro-4-(trifluoromethyl)- (CAS No. 98-56-6)	Solvent for industrial cleaning, aerosols, adhesives, coatings, inks, and electronic applications; 1, 1, 1-trichloroethane alternative; dye intermediate; dielectric fluid; dinitroaniline herbicide intermediate; ingredient in home maintenance product	Growth Inhibition Test on Algae; Ready Biodegradability in a Manometric Respirometry Test; Validation of the Analytical Method for the Determination of Benzene, 1-Chloro-4-(Trifluoromethyl)-	0141
Benzenesulfonic acid, 3-nitro-, sodium salt (1:1) (CAS No. 127-68-4)	Stabilizer for fiber reactive dyeing; assistant in discharge printing; viscosity control agent in cosmetics; oxidizing agent in demetalizers and industrial cleaners; anti-reduction agent	Vapor Pressure; Reproductive/ Developmental Toxicity Screening Test; Characterization Study; Validation of Analytical Method Concentration in Dose-Formulation; Acute Oral Toxicity; Repeat Dose 14-day Oral Toxicity Study (Dose Range Finding Study)	0144

Propanoic acid, 2-methyl-, 3-(benzoyloxy)-2,2,4-trimethylpentyl ester (CAS No. 22527-63-5)	Plasticizer	Acute Oral Toxicity in the Rat, Up-and-Down Procedure; Reverse Mutation Assay (Ames Test) Using Salmonella Typhimurium and Escherichia Coli	138
		Freezing Point; Boiling Point; Vapor Pressure; <i>n</i> -Octanol/Water Partition Coefficient; Water Solubility; Ready Biodegradation; Toxicity to Daphnia; Toxicity to Plants (Algae); <i>In Vitro</i> Mammalian Chromosomal Aberration	0145
Benzenesulfonic acid, dimethyl- (CAS No. 25321-41-9)	Esterification and acetylation catalyst; catalyst for coatings and foundry resins; in the preparation of esters; hardening agent in plastics; activator for nicotine insecticides; curing agent for resins, phenolic foundry resins; descaling agent in foundry sand castings; plating aid in electroplating baths; hydrotrope for agricultural formulations; surfactant in cosmetics	Boiling Point; Vapor Pressure; <i>n</i> -Octanol/Water Partition Coefficient	0110

Note: CAS = Chemical Abstracts Service Registry Number.

Authority: 15 U.S.C. 2603.

List of Subjects

Environmental protection, Hazardous substances.

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